

**GOVERNMENT OF INDIA  
ATOMIC ENERGY  
LOK SABHA**

UNSTARRED QUESTION NO:4062

ANSWERED ON:17.05.2006

NUCLEAR FUSION

Adhalrao Patil Shri Shivaji

**Will the Minister of ATOMIC ENERGY be pleased to state:**

(a) whether India has joined the highly ambitious project International Thermonuclear Energy Reactor(ITER) promoted by developed countries to build a plant to demonstrate the technical viability of nuclear fusion as a source of energy;

(b) if so, the details thereof; and

(c) the financial implications for India as a result of joining the project?

**Answer**

THE MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE (SHRI PRITHVIRAJ CHAVAN):

(a) Yes, Sir.

(b) The European Atomic Energy Community (EURATOM), the Governments of China, India, Japan, South Korea, the Russian Federation and the United States of America have proposed to enter into an agreement for building an experimental test reactor viz., The International Thermonuclear Experimental Reactor (ITER) that will demonstrate scientific and technological feasibility of fusion energy.

(c) The approximate financial implication on India's joining the project is around Rs.2500 crore, over a period of 10 years which will be largely in the form of in-kind contribution.